

# FOLIO

University of Alberta

1 February 1990

## Commission to examine sexism on campus; Engineering students come up with reforms

Sexism on the University of Alberta campus will be examined by a five-member commission, says Dianne Kieren, Associate Vice-President (Academic).

The President's Commission for Equality and Respect on Campus is expected to hold hearings on campus beginning 6 March and ending around the middle of April.

The commission was established at the request of President Paul Davenport, in response to the recommendations resulting from the hearing into the complaint against the Engineering Students' Society and its publication, *The Bridge*.

The commission has three tasks: first, to identify factors in the University community which contribute to inequality and disrespect among people; second, to create an awareness of these factors; and, third, to suggest actions which maintain an environment reflecting the values of equality and respect among all

members of the community.

"It is our expectation that briefs to the commission will not only offer insight into the current situation, but also identify creative strategies for change," Commission Chair Dr Kieren said last Thursday. "The commission's recommendations for action will evolve from the ideas of our campus community."

Asked whether it was an admission that there was indeed a problem on campus, Dr Kieren said, "We have to admit that there's a problem in society and we're part of that society."

The commission will hold public hearings and receive written and oral submissions. Private hearings will be granted upon request. It's expected that the commission will deliver its recommendations shortly after the conclusion of the hearings.

Academic Women's Association President Susan Jackel said their organization would be submitting a

brief to the commission.

Asked about the timing of the commission's hearings during the exam period, commission member Peter Smy (Electrical Engineering) said they wanted to get under way as soon as possible, but they are not looking for research papers. Dr Kieren said they had already received telephone calls from students and staff who indicated that they would like to make submissions.

The commission's establishment (other members are: Anne McLellan (Law); Aruna D'Souza (Students' Union); and Jim Vargo (Rehabilitation Medicine) comes in the wake of a number of disturbing events both on and off campus. In December, 14 young women were murdered at Université de Montréal, while earlier this month at an engineering student's skit night cries of "shoot the bitch!" were levelled at a female engineering student who has been critical of sexist activities on campus. Engineering Dean Fred Otto has also launched a formal complaint against some students and the investigation is being conducted by the Dean of Student Services.

Meanwhile, at a press conference 22 January, Troy Roberts, President of the Engineering Students' Society (ESS), explained a number of policy changes their group plans to implement. "The ESS has banned all Godiva rides on this campus," he said. "While the ESS has never had a part in organizing these rides, we have never done anything to stop them; in the future, the ESS will be filing formal charges against any students or student groups caught organizing a Godiva ride.

"We are in the process of writing



Dianne Kieren, Chair of the President's Commission for Equality and Respect on Campus, explains the mandate of the commission 25 January. She is flanked by Commission member Peter Smy (Electrical Engineering).

University of Alberta

## MacGregor, Rule selected as Kaplan Award recipients

James MacGregor (Civil Engineering) and Brendan Rule (Psychology) have been chosen to receive the 1990 J Gordin Kaplan Award for Excellence in Research.

The University community will pay tribute to Drs MacGregor and Rule 14 March. The formal ceremonies, which will get under way at 8 pm in the Humanities Centre, include 20-minute lectures by the laureates and the presentation of the awards which are named after the University's first Vice-President (Research).

Drs MacGregor and Rule will be profiled in *Folio* in the near future. □

a new editorial policy to govern not only *The Bridge*, but all our publications," he said. (*The Bridge* was severely criticized following the publication of a sexist article directed at Mayor Jan Reimer.) "The main purpose of the editorial policy will be to increase the overall quality of our publications, and to eliminate any sexist or inappropriate content."

The ESS president said skit night would be restructured. "Several different structures are being considered, with the most probable being to have the skits pre-filmed," he said.

Roberts noted that the engineering students have been involved in unnoticed commendable acts, such as their support of the Edmonton Food

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## Institute aims to foster many forms of futures research

The present-minded world is in trouble, and that's the inspiration for the establishment and promotion of the Canadian Futures Research Institute, says Gordon Fearn (Sociology), a founding member and council chair.

"The whole thing about encouraging and sponsoring futures research really has to do with taking the future more seriously, rather than simply discounting it," he says. "We want to expand people's time horizons and get people thinking beyond their next visit to the supermarket."

The Institute, affiliated with, but not funded by, the University hopes to focus public attention and encourage public debate on decision-making strategies for the future. "We also want to promote public awareness of the ethical challenges posed by developing futures," says Dr Fearn, citing biotechnology and professional ethics as just two topic examples.

Moreover, the Institute hopes to encourage research in areas that will likely change profoundly and have social implications for society, areas such as institutions, the economy, technology, work, leisure, ecology, environment, mass media and patterns of social behavior.

Another crucial purpose of the Institute, says Dr Fearn, is to conduct research for theoretical explorations of developing futures as well as forecasts and practical studies. "One of the things we really want to do is to foster specific research, for example, in the humanities and social sciences, of a theoretical nature having to do with time. Kind of abstract. The average person won't be much

interested in it, but this becomes one important way to critique what has happened to modern civilization."

Dr Fearn envisages a two-way dialogue with the broader community (in fact, the Institute hopes to have a lay membership of at least 25 percent) and hopes that will take place among academics, government, community groups and private institutions.

"It will not be the academics telling the people of the larger community about the future," he says, noting that an integral function of the Institute will be to have community members, representing diverse interests, playing a significant role as well.

The Institute's roots can be traced as far back as 1972, to the report of Alberta's Commission on Educational Planning, *A Future of Choices: A Choice of Futures*, prepared by Walter Worth (Educational Administration, Professor Emeritus). Then, more than a decade later in 1985, Gordin Kaplan advocated an increased commitment to futures research. Three years later Bob James, Vice-President (Research) invited a number of colleagues to explore the possibility of establishing an Institute.

In October 1988, a proposal was circulated to Deans, selected Department Chairs and interested people and Dr Fearn accepted the invitation to convene the Institute and coordinate its early development. A name for the Institute was agreed upon in November and a member of the Senate was invited to represent the public during the Institute's early development.

Once it was officially established in May 1989, the first general meeting was held to select a governing council and to finalize other organizational details.

Since that time, members have been discussing where they want the Institute to go. Late last year, council members agreed to sponsor and plan a major conference on the theme "Environmental Futures: Implications for Institutions and Decision-making Processes."

Clearly, says Dr Fearn, environmental concerns are going to be important.

Early this year, the Institute came up with a membership development strategy and a resource-sharing association with the Faculty of Extension. Says Dr Fearn, plans are under way to write and invite 25 to 30 prominent members of the public to join the Institute in the hopes they'll end up with a "solid human resource

base." At the same time, public and private funding is being sought.

By no means are the Institute's members on virgin ground. The Calgary Institute for the Humanities represents "a significant model. They've done it and we can do it too," says Dr Fearn, adding that they've had discussions with the Calgary Institute's director, Harold Coward. Professor Coward believes interdisciplinary research institutes will provide, in TS Eliot's words, "the still point" for reflective thought and debate.

According to Dr Fearn, the Canadian Futures Research Institute will provide the opportunity for breaking away from the multitude of islands within the university environment and starting again. They, too, hope to find Eliot's "still point of the turning world."\*□

## FOLIO

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\* For more information on the Canadian Futures Research Institute, contact Gordon Fearn, c/o Department of Sociology, 5-21, Tory Building, University of Alberta, Edmonton, Alberta, T6G 2H4, telephone 492-2223.

## SLRT construction starts with utilities rerouting

Construction for the SLRT extension began the week of 29 January.

City water and sanitation crews have started work on the utilities rerouting necessary to build the University LRT Station. Sewer and gas utilities are located under 89 Avenue; a segment of the lines will be relocated to skirt the south end of the proposed station, north of the Education Centre. Fencing to enclose the initial construction area will be erected on the south side of

89 Avenue.

General vehicle traffic will be allowed to continue on 89 Avenue until the construction of the University LRT Station begins, likely in early March.

All transit stops have been relocated to the Jubilee Auditorium site at 114 Street and 87 Avenue. The University community is advised to observe both pedestrian and vehicle signs encouraging safe traffic movements in the vicinity of construction activities.□



SLRT construction means that bus passengers must disembark at the recently created terminal adjacent to the Jubilee Auditorium parking lot. The move from the 89 Avenue location was necessary to enable the City to proceed with the construction of University Station south of Rutherford South Library.

### Commission

Continued from page one  
Bank, sports teams, Red Cross, ACT Telerama and Santas Anonymous.

He said the latest initiatives were not in response to pressure from the University administration and the students had taken these steps on their own initiative.

Patricia Marianovits, President of the Women's Engineering Society, insisted, however, that engineering students were being unfairly maligned. She said it was not an issue of sexism and noted that her fellow male students "don't think of me any differently as a female."

In other news, the Association of Academic Staff issued a release 24 January to clarify a misleading report in *The Edmonton Journal* of that day.

In May 1988, the AAS:UA approved a proposal for a research study of female academics' perceptions of their work environment. Study responses were gathered in January last year from a sampling of female academics and a smaller group of male academics.

The final report is now being prepared and results are expected in about two months, AAS:UA President Jim Robb reported.

## PRESIDENT'S COMMISSION FOR EQUALITY AND RESPECT ON CAMPUS

*Encourages and Invites Submissions from the University Community.*

The purpose of the Commission is: to identify factors in the University community which contribute to inequality and disrespect; to create an awareness of these factors; to propose actions which maintain an environment of equality and respect.

If you or your group wish to present a submission to the Commission, please notify Mrs Karen Moodie, Executive Assistant to the Vice-President (Academic), 492-4957, by February 13.

The Commission will begin its hearings on March 6 and will conclude in mid-April.

University of Alberta

## CASE Recognition Awards Program SPECTRUM, 'Share the Excitement' win gold medals

SPECTRUM, an eight-page publication produced and designed by the Office of Public Affairs, has won a gold medal in the Internal Communications category of the Council for the Advancement and Support of Education (CASE) District VIII's Recognition Awards Program.

And "Share the Excitement/Soyez de la Fête," Public Affairs' entry in the Public Relations Projects category, has also won a gold medal.

The annual Recognition Awards

Program celebrates excellence in the field of communications by member institutions of CASE District VIII (the Pacific Northwest).

SPECTRUM is published twice a year under the sponsorship of the Offices of the Vice-President (Research) and Research Services. Its objectives are to create greater awareness of the work of U of A researchers, and to foster an increasing sense of pride in the achievements of U of A faculty.

"Share the Excitement/Soyez de la Fête" fused the installation of President Paul Davenport with a week's worth of scholarly and lighthearted events. "Super Saturday" (14 October) capped the week. The various events were planned by representatives of the University's constituent groups and coordinated by the Office of Public Affairs.

It is believed that the University of Alberta was the first university in North America to celebrate the installation of a president in this fashion.

David Norwood, Associate Vice-President (University Relations), will accept the awards 6 February during the CASE District VIII Conference in Coeur d'Alene, Idaho.□

# Building new theoretical model of mathematical thinking the goal of McCalla Professor

Tom Kieren is a Professor of Secondary Education. He is also a McCalla Professor. For two decades he has been immersed in the role of the use by young people of constructive mechanisms (entailing actions), imagery and informal use of language in building mathematical knowledge and the ways in which the computer bears upon such knowledge construction.

Two objectives charge the year (1989-90) in which, for Dr Kieren and others who hold a McCalla Professorship, research is all:

- The nature of the structure of mathematical thinking, understanding and problem solving in young students.
- The use of a fully recursive computer language in the development of mathematics curricular environments for young people and the nature of the

quality of student work in such environments.

The work in the first objective follows and extends theoretical modelling work on rational number thinking as well as the nature of children's mathematics, Dr Kieren relates.

As for the second objective, the work follows and extends in both theoretical and practical ways the work Dr Kieren has executed modelling Logo Mathematical knowledge building. "It will entail writing and leading a small teacher team in producing units for senior high school geometry which use the power of the computer to allow students experience with modern geometric concepts," he says.

The McCalla Professorship affords Dr Kieren the opportunity to study the "actual use of these materials in the detailed trial school to a greater

degree of depth than otherwise possible." He also can concentrate on more elaborate final curriculum development, work which is the subject of a proposed research/development contract with Alberta Education. The Edmonton Catholic School Board will also be associated with Dr Kieren's research.

The "McCalla project", then aims to understand better the building by individuals of cognitive structures for the consistent organization of their mathematical thinking. It seems likely that

Dr Kieren will be able to supply theoretical models for mathematical thinking which can have direct application to the Department of Secondary Education's graduate and undergraduate programs.

Tom Kieren was a member of the committee which formulated the new Alberta Junior High School Mathematics Curriculum and was one of six persons selected to the Middle School Standards development group, part of the large-scale curriculum project sponsored by the National Council of Teachers of Mathematics. □

## McCalla Professor modelling new enzyme system

Robert Brown (Chemistry), who was awarded a McCalla Professorship for 1989-90, has used the extra time afforded him by the Professorship to begin work on modelling a new enzyme system.

Much of his current research deals with the mechanisms by which enzymes can help bring about peptide cleavage reactions such as hydrolysis and acyl group transfer. He does this, he says, not by studying the enzymes themselves, but simpler organic molecules that mimic the chemistry believed to occur in the active site of the enzyme. In applying for the coveted McCalla Professorship, Dr Brown stated: "The general approach has, in our hands he heads an active research group proven highly successful since the simplicity of the organic molecules allows one to study in detail the chemistry without protein-based complications attendant to studying the enzymes themselves."

During the tenure of the McCalla Professorship, Dr Brown intends to pursue the modelling of the mechanism of a class of enzymes called the transglutaminases. At

least one of these enzymes is important in the blood-clotting process in mammals, Dr Brown says.

In mammalian systems, members of two classes of enzymes (serine proteases and aspartate proteinases) mediate a variety of physiological processes such as digestion, sperm penetration and blood coagulation. Changes in the physiological activity level of certain of the enzymes in these classes may be associated with pathological conditions such as asthma, hypertension, gastric ulcers and muscular dystrophy. "Clearly," Dr Brown states, "an understanding of the general mechanisms of action of these enzymes is of fundamental importance in advance of designing mechanism-based inhibitors."

Dr Brown holds the BSc Honors Chemistry, Magna Cum Laude, from the University of Alberta, and the MSc and PhD from the University of California, San Diego. He joined the U of A's academic staff in 1974 and was appointed professor in 1984. □

## The Martland Lecture

presented by

**Dr. Alexander M. Iakovlev**

Head of the Department of Theory & Sociology of Criminal Law, Institute of State and Law, Academy of Sciences of the U.S.S.R.; Doctor of Juridical Sciences; Professor in Law.

People's Deputy of the U.S.S.R.; Member of the Congress of People's Deputies of the U.S.S.R..

Member of the parliamentary standing Committees on the Legislation, Criminal Justice Reform, Committee on drafting new constitution of the U.S.S.R. under the Supreme Soviet of the U.S.S.R..

### "Perestroika Through Law"

Tuesday, February 6th, 1990  
8:00 p.m., 231/237 Law Centre  
University of Alberta  
Reception to follow

RSVP acceptances only — 492-7306  
ALL WELCOME



## Attention technicians, technologists who handle biohazardous materials

"Biosafety: Understanding and Practice" is the title of a course to be presented by the Biosafety Division, Occupational Health and Safety.

The 10-part course is designed primarily for University technicians and technologists who use biohazardous materials.

Topics include: proper use of biosafety equipment, emergency procedures, hazard identification, transportation of dangerous goods, packaging of biohazardous

materials, and containment principles.

Sessions will be held 10 Tuesday afternoons from 27 February to 15 May, excluding 10 and 17 April.

Times: 1 to 3:30 pm. Cost: \$35 (fees must accompany registration).

Deadline for registration is 20 February. Send your name, position, department and phone number to: Don Kozol, Biosafety Office, 107 Education Car Park. □

## Support staff profile

# Showing respect so important in working with people, Greenaway says

One of the most important lessons a person can learn from working with others is to show one another respect, says Jean Greenaway, the Faculty of Law's Secretary to the Dean, who will be retiring at the end of this year. The many lawyers she's worked with "have always shown respect for me as I have for them."

Nor has the Red Deer high school graduate ever felt intimidated by the faculty. "They don't preen or act important, and regardless of how many initials they have behind their names, they really work well with other people," says the 64-year-old mother of two.

"I have never found it difficult working with lawyers. I worked with very young ones and middle-aged ones . . . but I'm finding these days the people with whom I work are much younger than I," she says laughingly.

Greenaway, who joined the Faculty in 1976 as a temporary and became Secretary to the Dean in 1979, says she can honestly say there is nothing she dislikes about the job. "And I'm not trying to be a Pollyanna either; some days it's very hectic and one almost wishes one had roller skates or could clone oneself. There's a lot to be done, but one has to rise to the challenge and we try to do that around here," she says.

But the job is not without stress. "You cannot be a viable, exciting Faculty without doing things, and if you don't do things, you won't have stress," she says, noting that the establishment of the Centre for Constitutional Studies, organizing conferences and bringing in guest speakers are all essential activities.

"These things are so important to the life of the Faculty, but they require a lot of work—and that's where the stress comes in," she says, adding that the stress is a sort of "community stress" everyone shares equally.

Fresh out of Red Deer's high school, in 1943 Greenaway immediately went to work for a law firm; a few years later she moved to Edmonton where she continued to work for a law firm. In 1950, she married husband Garth and in 1952 their first of two children,

Carol, was born; the second, Kate, was born in 1958. After living in numerous parts of the country (her husband was with the RCAF) and for four years in France, the couple eventually left the Air Force way of life behind and moved back to Calgary.

Greenaway decided she would upgrade her skills and returned to business college. One year later they were back in Edmonton and she went to work in the

University's steno pool. Personnel recognized her legal background and thus began her association with the Faculty.

The member of the board of directors of the Elizabeth Fry Society and an opera and symphony lover says the future of the Faculty looks bright, even though these are times when all sectors of the University are slightly shackled because of budgetary constraints. She has no

worries that the Faculty will be able to find an able replacement for her.

Both she and her husband, meanwhile, are looking forward to retirement in about a year. Travelling, one of their great loves, is on the agenda and one can be assured that they'll carry with them a great deal of respect for the people they'll meet and places they'll visit. □



Public Affairs

Jean Greenaway, an invaluable member of the Faculty of Law.

## U of A staff invited to Faculty Development Days

Faculty Development Days, sponsored by Grant MacEwan Community College, will take place 20 and 21 February at the Seventh Street Plaza Campus (10030 107 Street).

The College again invites academic staff of the University of Alberta to participate.

The workshops on the opening day carry the titles: "Cultural Myths in Native Education", "Learning Styles and Brain Research", "Self Care of Women", and "A Visionary Approach to Planning". (Select only one of the workshops as they are

all-day sessions.)

On 21 February, workshops 5, 6, 7, and 8—"Cold Water: What is it Really Like to be an International Student", "International Education - Past and Future at GMCC", "Breaking Down Barriers", and "Injecting Variety into Classroom Testing: Ten Alternatives to the Multiple-Choice Exam"—are half-day workshops. Workshops 9 and 10—"Healing Without Dis-ease" and "Introduction to Hypercard"—last the full day (9 am to 3:30 pm).

Presenters include Heather Bain, an Edmonton psychologist who

specializes in women's issues and childhood traumas; John Cruickshank, Vice-President responsible for International Education at GMCC; Emma Larocque, of the Department of Native Studies at the University of Manitoba; and Barbara Meister Vitale, a fulltime author (*Free Flight: Celebrating Your Right Brain*) and lecturer.

Vitale will give the keynote address 20 February at 8:30 am.

The deadline for registering for Faculty Development Days is 9 February. The contact person is Kathy Stuart at Grant MacEwan Community College, 441-4872. □

# Clothing and Textiles Collection carving out substantial niche for itself

Visit the Clothing and Textiles Collection and you might encounter fashion designers, filmmakers, theatre costume designers, museum curators, historic sites interpreters, and a variety of artisans who've come for inspiration. Not only do they have about 20,000 artifacts to look at, they're reaping the benefits of an innovative approach to teaching and research by curator Anne Lambert (Clothing and Textiles).

Word of the depth of the program and scope of the collection has spread throughout North America. The University has the largest Clothing and Textiles department in Canada, with a unique collection, and is the only one in the country to offer an undergraduate and graduate program in curatorship and conservation in this field.

Students are involved in a different way of learning when they work directly and actively with artifacts as a primary source, Professor Lambert believes. In her courses, they select a specific garment from the collection and "analyze how it was made, when, the economics of it, who made it, why, the pattern, decoration, who wore it, the whole role of the garment within a culture and time period, and relate that to oral histories, photographs and periodicals to get a sense of the thinking and issues of the day . . . they investigate it inside out and put the object within its context."

To turn the collection into a centre of research and information, Professor Lambert then goes one step further. "Every time anyone uses the collection, for an assignment or a play, a film or historic site, we store the report and keep a record of it on the computer." Staff can speed up and raise the calibre of new research by quickly providing reports on clothing from particular time periods and specific garments in the collection, bibliographies, actual patterns and fabric samples.

No wonder this collection is so popular. Don white gloves (a reminder you're dealing with museum artifacts) and you can study an assortment of items retrieved from racks in a

state-of-the-art mobile storage system, from shelves and cabinet drawers in rooms in the basement of Home Economics. About half the collection consists of men's, women's and children's Western fashionable dress from the 18th century to the present, with undergarments, bags, hats, and shoes, original paper patterns and dressmakers manuals of the day. It even contains lengths of cloth designed by William Morris, English utopian socialist and leader of the 19th century arts and crafts movement. But it also features Indonesian batiks, ikats and woven textiles, costumes and textiles from Guatemala, Chinese folk embroideries, and pieces from Peru (some more than 1,000 years old), Thailand, West Africa, and India.

You'll find traditional native costumes, bed coverings, even animal trappings. "We aren't entirely based on esthetics," explains Professor Lambert. "We do collect the 'beautiful,' because design is an important element in the program, but we're especially interested in the social history, the significance." Looms, warping boards and other tools have been added to help understand the way the textiles are made.

Undergraduate courses on material culture, such as history of costume and textiles, on methods of care, restoration and handling, preservation and conservation of museum artifacts, textile and apparel design revolve around the collection. Students of anthropology, history, film, drama,

women's studies, sports clothing, educational foundations, recreation and leisure studies, as well as students from other institutions (Grant MacEwan Community College, Banff Centre, Alberta College of Art, Olds Community College, public schools, even child care centres) also use it as a resource.

Clothing and Textiles graduates are now working throughout Alberta, in Vancouver, Ottawa, Washington, New York and other major centres. "This is an exciting area," Professor Lambert enthuses, "and we're lucky to have a resource like this. We've developed a specialty and we're meeting a demand in terms of training." □

## *Haynes paintings loosely based on El Greco's Cathedral of Toledo works*

While at the University of Saskatchewan Artists' Workshop at Emma Lake in the summer of 1988, Doug Haynes (Art and Design) began to explore a new direction for large-scale acrylic on canvas paintings.

Loosely based on an El Greco painting titled "El Espolio", the pictures were simple in composition and exploited the transparent qualities of a gel medium, the translucent nature of new interference pigments and the dry and opaque qualities of dense pigments stained into unprimed canvas.

The abstract paintings evoke a sense of drama and intensity of the religious pictures of 16th and 17th century Spain. "While each painting is complete in itself and some have been exhibited independently, when seen as a group they project a greater sense of power and suggest that a coherent series should be developed," Professor Haynes said in his (successful) application for a 1989-90 McCalla Professorship.

"Based on the experience of these Emma Lake paintings, and to follow up and make full use of the manner in which the pictures relate to each other and become units of a

larger work, I plan to embark on the production of a tightly knit thematic group of 13 paintings," he explained.

The group will again be based on the work of El Greco—this time on the "Apostle Series"—and be of life size or slightly larger. "As in the El Greco portraits and as the paintings I produced at Emma Lake, the works will each be built around one dominant color."

Professor Haynes is hopeful the paintings will be completed by the spring of this year and there are plans to exhibit them as a group. The Virginia Christopher Gallery in Calgary and Robert Christie of Art Placement in Saskatoon have asked to show the paintings and independent curator Peggy McDougall has expressed an interest in producing a catalogue and arranging for other venues. □

## Search for new Canadian Studies Chair

The Canadian Studies Committee in the Faculty of Arts seeks a new Chair for the Committee and of the Canadian Studies Program, effective 1 July 1990. This position, open to all tenured members of the Faculty of Arts, normally has a term of three years.

Canadian Studies is a full degree program of interdisciplinary studies with thirty-five students currently enrolled. Duties include calling and conducting full Committee meetings at intervals throughout the academic year; preparing budgets; representing the Program in University councils and to the public; assisting in the organization

of activities such as scholarly conferences and fundraising projects like the proposed Chair in Canadian Studies; performing routine administration; being available to students; and directing the ongoing development of the Program, especially in curriculum. Suggestions of suitable candidates for the position, or self-nominations, should be sent to the Chair of the Search Committee, Professor PA Robberecht, Department of Comparative Literature, 347 Arts Building (492-5833).

Deadline for submission of applications is 1 March 1990.



## LETTERS

### A fact of life: U of A no longer able

#### o create programs, units that it would like to

■ Professor Murie's letter in the 11 January issue of *Folio* raises an issue that must concern us all. He perceives that the Board of Governors decided not to continue with the Collections Centre but decided to create the Alberta Centre for Well-Being. As an academic staff member of the Board of Governors and its Finance Committee, I write to set the record straight and to underscore for your readers an unpalatable current reality.

It is well known that the Board did decide, after much debate and with much reluctance, not to continue with the Collections Centre, because the University has insufficient capital building funds to meet the lowest tender and has no means of meeting the operating costs without taking the money from an existing department.

In contrast, the Alberta Centre for Well-Being was not created by act of the Board of Governors. The Centre is not a unit of the University, although it is of great interest to our colleagues in the Faculty of Physical Education and Recreation, a Faculty which has an important national and international reputation for its scholarship. As Judy Sefton and Art Quinney have explained in their letter (*Folio*, 25 January), the Centre is entirely funded by sources outside the University.

The unpalatable reality that many do, and all must, realize, is that the University is no longer able to create programs and units that it would like to create, unless it takes the needed resources from other units. As I well know as last year's president of AAS:UA, the latter exercise is never acceptable unless the cuts are elsewhere. We are dependent for new programs and units on the willingness of the government or business to fund them.

Of course this is unacceptable to all of us who believe in university autonomy, but it is the current situation. It will undoubtedly remain the situation until the revenue received by the provincial government increases significantly. People rarely donate operating money. They expect the government to supply it.

The President and the Chair of the Board are leading the efforts of the administration and the Board to relieve the situation. But it behooves us all to recall that we are a provincially funded University in a province that is living through bad times. Criticism of the provincial government is fun but does not help. Unpalatable though it is, because it diverts energy from what we regard as our main purpose, if we want more money we have no choice but to look more attractive to those who have it.

The Faculty of Physical Education and Recreation has been successful in this, because of its reputation, because of its willingness to interact with government and society, and because governments and business believe that one of the Faculty's areas of expertise—promoting physical fitness—will strengthen society. I do not mean to suggest that such success is readily available to all disciplines, but it does provide food for thought.

We have no choice but to be even more creative in adapting to maintain the highest possible quality of education for our successors, the young people of Alberta.

John Bertie  
Department of Chemistry

### Objectivity performs a disappearing act, reader claims

■ The article "Proliferation of bicycles . . ." which appeared in the 11 January *Folio* seems to play a support role to the bicycle parking regulations announced in the same issue.

While objectivity has hardly been one of *Folio*'s strong points in the past, the lack of it in this article is more pronounced than is usual. Errors of fact are also present. However, let me first

address the biases in the 'reporting'.

By claiming that rather unusual or financially limited people were the main users of bicycles in the past, indeed the phrase 'these kinds of people', the overall tone is set, and that tone is hostile to cyclists. Then the bicycle was 'held up' to be an efficient and healthy means of transport, presumably leading increasing numbers of people to be tricked into using it. Riders were 'in a hurry', presumably a negative trait unless one considers that one truly 'not in a hurry' would not likely need a vehicle of any sort. And of course the strange 'emotional attachment' for bicycles is not related in any way to the investment which could easily disappear. The theft of bicycles is 'because of inferior locks', not because of a bicycle being a desirable item for thieves. While this negative attitude is in itself a reflection of policies considering the bicycle more a nuisance than a transportation solution, BOCC is presented in a rather positive light, not all of it, I fear, the light of truth.

It is in fact rather questionable that BOCC had a direct role in the instigation of the survey of Edmonton bicycle users last year by the City of Edmonton. And the association between U of A and off-campus cyclists predates the survey by about two years, rather than being due to it.

The University has in the last seven years had a role in putting nearly \$15 million into the construction of automobile parking facilities, with attendant misuse of land, hazards to people and the environment, and traffic problems. And yet bicycles are treated as a nuisance and addressed by restrictions rather than being integrated into transportation solutions as they should be.

The tone of your article reveals the limitations in outlook which lead to this.

Martin Connors  
Non Academic Staff

### Rutherford Award for Excellence in Undergraduate Teaching

The GFC Undergraduate Teaching Awards Committee (UTAC) reminds the University community that nominations are now being sought for the annual Rutherford Award for Excellence in Undergraduate Teaching.

The purpose of the Rutherford Award is to publicly recognize excellent teaching, to publicize such excellence to the University and the wider community, to encourage the pursuit of excellence in teaching, and to promote informed discussion of teaching and its improvement at the University of Alberta.

Nominations are made by Faculties that teach undergraduate students, and information about the nomination procedures and adjudication criteria has been sent to those Faculties. Nominations should be made through a Faculty committee and submitted to the Secretary of UTAC. Anyone who needs assistance and advice in preparing nominations should contact Mrs Bente Roed Cochran, Coordinator, Office of the Committee for the Improvement of Teaching and Learning (CITL) (492-2826). The deadline for receipt of award nominations is 16 February. In most cases, individual Faculties have established earlier deadlines to allow for internal adjudication procedures.

At least one award, but not more than four, is given annually. The award recipients are publicly recognized at a special occasion and Convocation. They also receive a memento and a cash prize of \$2,500.

# Folio

## Display Advertising

*Folio* is the official news publication of the University of Alberta, published every Thursday throughout the academic year; published biweekly during the summer. It has a regular distribution of 9,200 of which 8,500 copies are circulated to teaching and support staff, to graduate students and to other interested people on campus. The remaining copies are sent to provincial and municipal government personnel, news outlets, and businesses and people off-campus.

### Sizes and rates

The basic unit size is 11 picas x 23 picas (3 13/16 x 1 13/16). The full page is divided into 10 such units, any combination of which is available at a cost of \$40 per unit (minimum 1 unit). Half page cost: \$200. One column cost \$100. There is a 25% discount for University departments. A 10% discount is offered for five or more consecutive insertions.

### Other Specifications

Half-tones (100-line screen or less) are acceptable; no color or bleeds; Camera ready copy is necessary; there is a charge of 35¢ per word for typesetting, and \$7.50 for adjustment of design work.

### Deadlines

Deadline for submission is 3 p.m. one week in advance of desired publication date.

Acceptance of advertisements and positioning are at the discretion of the Editor. For more information, telephone (403) 492-2325 and ask about *Folio* display advertising, or write to:

*Folio* Display Advertising  
Office of Public Affairs  
423 Athabasca Hall  
University of Alberta  
Edmonton, Alberta T6G 2E8

## CURRENTS



### Faculty Breakfast and Dialogue

Members of the University community are invited to this monthly gathering on Wednesday, 7 February, 7:45 to 8:45 a.m.

Place: St Joseph's College, Newman Centre, Speaker: Joseph Buijs, Professor of Philosophy, St. Joseph's College. Topic: "Commitment in Teachers and Students: What is Involved?"

### Faculty Women's Club

The Faculty Women's Club will hold a luncheon at the Papaschase Room, Faculty Club, 7 February. Cash bar, noon; lunch, 12:30. Tickets: \$10. Speaker: Lois Hold. For tickets, phone Rhoda Sheinin, 434-6365, or Doreen Rennie, 466-8838.

### Academy Strings Charity Ball

The Academy Strings 4th annual Charity Ball will be held at the Faculty Club, 10 February.

The Academy Strings Orchestra is the University's premier string ensemble, consisting of 30 musicians. At the Charity Ball, leader Norman Nelson, founder member of the Academy of St Martin-in-the-Field, will direct an evening of fine food, chamber music,

and dancing to the Academy Strings.

Romantic Musical Interludes will be performed by Ron and Diane Nelsen.

Proceeds from the Ball will assist the Academy Strings' 1990 European tour.

The evening gets under way at 6:30.

### Information and Reserve Centre, Cameron Library

Using the online catalogue is the focus of the self-paced, hands-on library skills classes which began 9 January.

For times, locations, and to register, check at Cameron Library Information Desk, 492-4174.

### Area Studies Committee: Africa and South Asia

The Area Studies Committee: Africa and South Asia is preparing a second newsletter for publication. Submissions are requested from staff members whose research centres on African and South Asian issues. Suggested categories include: recent guest speakers, reports on meetings of related groups, and faculty/student research at the University of Alberta. Please send submissions to: Dr. Pamela Willoughby, Department of Anthropology, 13-15 Tory Building.

On another front, the committee is sponsoring noncredit courses in selected languages of Africa and South Asia for the benefit of Edmontonians. Courses will be available in Hindi, Tamil and Swahili. Classes will meet one afternoon per week, and will begin the week of 12 February. For more information, or to register, contact Dr. Willoughby.

## Bell, Munn to render *Die Winterreise*

Described by the *Ottawa Journal* as "One of the most distinguished singers this country has produced and certainly its finest concert bass", Donald Bell has been similarly acclaimed in performances with orchestras, choirs and opera companies from coast to coast in Canada. Recipient of the Governor General's Award, he has also researched the folk music of Newfoundland and incorporated these unique songs into his recital programs at home and abroad.

As part of the Department of Music's Faculty Recital Series, Donald Bell and Alexandra Munn, pianist, will present Franz Schubert's song cycle *Die Winterreise*, 14 February, 8 p.m. in Covocation Hall. Admission is free.



Donald Bell

## Campus Events

For information on coming events call  
**492-7073**

## New Release



### **Universities Telephone Directory 1989-1990**

Puts you in touch with faculty and officers at AUCC member institutions. Included in the directory are the names, degrees and telephone numbers of:

- executive and administrative officers
- deans of faculties, directors of schools and department chairs
- directors of research institutes and research chairs.

Also provided are the name, address, telephone numbers and, where available, telex and fax numbers, of:

- the universities
- national, provincial and regional organizations
- federal and provincial agencies and departments.

New features include:

- an institutional index
- information on AUCC associate members.

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Cost: \$14.95 Canada, \$15.95 USA (add \$1 first class); \$17.95 Other (add \$1 first class).

Order your copy now from **AUCC Publications/com, 151 Slater Street, Ottawa, Canada K1P 5N1.**

Note: Prepayment in Canadian funds required.



Association of Universities and Colleges of Canada

# Peer Consultation Program a cornerstone of CITL's services to academic community

Don't look to individual subscribers to the Peer Consultation Program to refute the notion that two heads are better than one. Peter Dozzi (Civil Engineering) and Reuben Kaufman (Zoology), two such subscribers, got in touch with the Committee for the Improvement of Teaching and learning and feel that they and their students are the better for it.

Professor Dozzi, who is relatively new to teaching, says, "I welcome any constructive criticism I can get." He came to the University from industry where the performance appraisal is omnipresent. Unsure as to just how well he was teaching, and feeling that student evaluation forms were not a good indicator of teaching ability, Professor Dozzi called CITL and was soon visited by a peer consultant. Two of the areas he felt needed improvement were his tendency to speak in low tones and what he describes as occasional lapses of enthusiasm.

"We reviewed things together; it was all done in a very constructive in," he says of the consulting process of about a year ago. "People who are expert at teaching give you the benefit of their experience."

Another thing that's fresh in his memory is that his students complimented him on making a "gutsy" decision.

The consultant gave Dr Dozzi the names of other teachers whom he could talk to about teaching and that was also helpful. The one suggestion he has is that there be more follow-up on the part of the consultant.

Professor Kaufman (Zoology) was a client in 1984-85. He found that in talking with a consultant things got laid out and solutions to some of his problems just came about on their own. "It's a very non-threatening environment . . . we worked together," he says of the consultation process.

"It's an ideal thing to have available. If everything at CITL went except for the Peer Consultation Program, it would be worth it," Professor Kaufman told *folio*.

Lois Stanford (Linguistics) has been a peer consultant since 1983, the year after the inception of the program. She calls the process

"collegial consultation" and says it begins when someone who wants to make changes to their methods of teaching approaches CITL.

Consultant and client exchange philosophies and ideas and agree beforehand just what the initial steps will be. The consultant then attends one or more of the client's classes, the students having been told that the consultant has been invited to observe and that the end result will be helpful to their learning.

"They (students) are co-workers in the process," Dr Stanford says. They fill out a questionnaire which asks about the teacher's organization of information, interaction with the class, ability to

answer questions, etc. (The questionnaire is computer marked for objectivity.) Between six and 12 students are then selected at random and it's during the course of the ensuing, open discussion with the consultant that many constructive thoughts emerge, says another peer consultant, George Hunter (Pharmacology). The prevailing attitude among students is that they want to improve the class, not undermine the professor. "They're guarded at first, but they soon open up," Dr Hunter says.

The objective is to provide a link between the students and the professor. "We never make suggestions for improvement unless they're asked for," the

three-year veteran of the program emphasizes.

Dr Hunter is a release time consultant which means that his department is given funding to hire a sessional lecturer to teach one three-credit course in that term. Release time consultants generally meet with one or two clients per term; consultants without release time interact with five or six clients per term.

CITL matches the client with a consultant who is from a different department. Teaching is reviewed, not course content. "We're interested in DET (diagnostic elements of teaching)," Dr Stanford emphasizes. □



Photo Services

## Peter Lougheed Scholarship recipients

Pictured are the 1989-90 recipients of the Peter Lougheed Scholarship, the most prestigious (and valuable) scholarship available to undergraduate students at the University of Alberta. Back row (left to right): Wayne Fedun (Law), Darren Kelly (Business), Steven Sieker (Arts), Christopher Cook (Arts), and William Mortenson (Rehabilitation Medicine). Front row (left to right): Veronica Vinge (Physical Education and Recreation), Maria Pires (Arts), The Hon Peter Lougheed, Astrid Sollbach (Science), Donna Kittle (Medicine), and Norman Gretzinger (Business). The individuals chosen best combine academic excellence with leadership qualities.

THE SENATE OF ST. STEPHEN'S COLLEGE  
*invites*  
**HONORARY DEGREE  
 NOMINATIONS**

St. Stephen's College is accepting nominations for recipients of the degree of Doctor of Divinity *honoris causa* to be conferred at the fall convocation, 1990.

The Degree Recognizes and Honours Individuals

- Who have demonstrated outstanding commitment to the church's ministries
- Who have given meritorious service which contributes to the spiritual and social well-being of the community
- Who provide leadership in denominational and ecumenical circles

Please request nomination forms from the college by calling or writing to:



Dolores Bell St. Stephen's College  
 University of Alberta 8810 - 112 Street  
 Edmonton, Alberta T6G 2J6

**Deadline for nominations is March 15, 1990**

## EVENTS



### Talks

#### Law

1 February, noon Tung-pi Chen, Faculty of Law, Queen's University, "Sources of Law in China: A Reflection on Its Legal Culture." 231/237 Law Centre.

6 February, noon Professor Chen, "Emerging Real Estate Markets in Urban China." 231/237 Law Centre.

#### Limnology and Fisheries Discussion Group

1 February, 12:30 pm Suzanne Bayley and Dale Vitt, "Methane and Carbon Dioxide Flux from Alberta Wetlands." M-149 Biological Sciences Building.

8 February, 12:30 pm Lars Rudstam, University of Wisconsin, "The Rise and Fall of a Dominant Planktivore: Implications for a Biomanipulation Experiment in Lake Mendota, Wisconsin." M-149 Biological Sciences Centre.

15 February, 12:30 pm Peter Leavitt, University of Wisconsin, "Herbivore and Nutrient Regulation of Algal Blooms in a Eutrophic Lake." M-149 Biological Sciences Centre.

#### Soil Science

1 February, 12:30 pm Tom Messier, "Comparison of the Reaction of Soil Phosphate Fertilizer Within a Luvisolic and Chernozemic Soil." 2-36 Earth Sciences Building.

15 February, 12:30 pm RJ Rennie, Esso Chemicals, "Marketing Biological Products." 2-36 Earth Sciences Building.

#### International Centre

1 February, 12:30 pm "South Africa: Rhythm of Resistance"—a Third World Film Festival video preview.

5 February, noon Geralyn St Louis, "Being an 'Au Pair' in France."

6 February, 12:30 pm "Salsa"—a video showing sponsored by the Edmonton Learner Centre.

7 February, noon John McLennon, "Med Student Works in Santo Domingo."

8 February, 12:30 pm "Roots, Rock, Reggae"—the last video showing as a preview to the Third World Film Festival.

All events in 172 HUB International.

#### Chaplains' Association

1 February, 3:30 pm A dialogue with Susan Jackel, Winnie Tomm and Randi Warne, "Policies, Practices, and Knowledge: Fairness in Academe." L-1 Humanities Centre.

#### Economics

1 February, 3:30 pm Jeffrey Church, University of Calgary, "Complementary

Network Externalities and Technological Adoption." 8-22 Tory Building.  
 9 February, 3 pm Torben Anderson, Red Deer College, "Customer Discrimination in Major League Baseball." 8-22 Tory Building.

#### Geography

1 February, 4 pm Steve Zoltai, Canadian Forestry Service, "Potential Effects of Climate Change on Forest Regions of Canada." 3-36 Tory Building.

9 February, 3 pm John England, "New Perspectives on the Evolution of the Canadian High Arctic Landscape." 3-36 Tory Building.

#### Botany

1 February, 4 pm Phillip M Fedorak, "Experiences in Environmental Microbiology." M-149 Biological Sciences Centre.

#### Entomology

1 February, 4 pm BS Heming, "The Structure, Function, Phylogeny and Ontogeny of Feeding in Thrips (Thysanoptera)." TBW-1 Tory Breezeway.

8 February, 4 pm Martin Erlandson, Agriculture Canada Research Station, Saskatoon, "Pathogenesis of an Entomopoxvirus Isolate in the Migratory Grasshopper, *Melanoplus sanguinipes*." TBW-1 Tory Breezeway.

#### Women's Studies Program

2 February, noon Deborah Gorham, professor of history, Carleton University, "The Education of Vera and Edward Brittain: Class and Gender in an Upper Middle Class Edwardian Family." Senate Chamber, Arts Building.

5 February, 11 am Dr Gorham, "The Evolution of Women's Studies in Canada." 254 Education South.

7 February, 4 pm Ann Hall, "Gender, Body Practices and Power." Senate Chamber, Arts Building.

14 February, 11 am Anne McGrath, Alberta representative, NAC, "Grassroots Organizing." 254 Education South.

#### Plant Science

2 February, 12:30 pm CJ Andrews, Plant Research Centre, Agriculture Canada, Ottawa, "Improving the Ice Tolerance of Winter Cereals."

1-06 Agriculture-Forestry Centre.

9 February, 12:30 pm M Schellenberg, "The Potential Role of Perennial Forages in Sustainable Agriculture."

1-06 Agriculture-Forestry Centre.

16 February, 12:30 pm G Dunn, "Reclaiming Salt-Affected Soils."

1-06 Agriculture-Forestry Centre.

#### East Asian Languages and Literatures

2 February, 2:30 pm Anthony Liman, Department of East Asian Studies, University of Toronto, "Village in the City: A Vision of Tokyo in Ibuse Masaji's Ogikubo Fudoki." B-09 Business Building.

#### Statistics and Applied Probability

2 February, 3 pm Stuart Turnbull, Bank of Montreal Professor of Finance, Queen's University, "A Simple Approach to Pricing Interest Rate Options." 657 CAB.

## Music

2 February, 3 pm Charles Horton, University of Manitoba, "Musical Paraphrase: An Ancient Technique in Contemporary Pedagogy." 2-34 Fine Arts Building.

February, 3:30 pm Richard Troeger, "Texture and Style in Classic Keyboard Music." 2-32 Fine Arts Building.

## Zoology

2 February, 3:30 pm Douglas Mock, Department of Zoology, University of Oklahoma, "Siblicide and Lunch." M-149 Biological Sciences Centre. 9 February, 3:30 pm Henry Howe, Department of Biological Sciences, University of Illinois, "Ecology of a Tropical Seed Dispersal Mutualism." M-149 Biological Sciences Centre. 16 February, 3:30 pm Peter Cherbas, Department of Biology, Indiana University, "Steroid Hormones in Development: The Developmental Biology of an Ecdysone-Responsible Gene." M-149 Biological Sciences Centre.

## Slavic and East European Studies

5 February, 3 pm Solomija Pavlychko, Shevchenko Institute of Literature, Academy of Sciences, Ukrainian SSR, "Writers as Politicians: A Paradox in Modern Ukraine." 141 Arts Building. 12 February, 3 pm Elena Siemens, "On the Making of the Epistolary Self-Portrait." 436 Arts Building.

## Rural Economy

5 February, 3:15 pm Janet Fast, "The Impact of Plain Language Billing on Residential Electricity Consumption." 9 General Services Building.

## Medicine and History

5 February, 3:30 pm Toby Gelfand, Hannah Chair of the History of Medicine, University of Ottawa, "The Phantom of Syphilis: an Etiological Controversy in Neuropathology." 214.02 Walter Mackenzie Centre, Classroom F.

## Alberta Heritage Foundation for Medical Research

6 February, 4 pm Manijeh Pasdar, Fox Chase Cancer Center Institute for Cancer Research, Philadelphia, "Regulation of Assembly of the Desmosome, a Portion of the Intercellular Junctional Complex in Epithelial Cells." 5-10 Medical Sciences Building. Presented by Anatomy and Cell Biology.

## Law

6 February, 8 pm Alexander M Iakovlev, Institute of State and Law, Academy of Sciences of the USSR, "Perestroika Through Law." 231/237 Law Centre. RSVP acceptances only, 492-7306. All welcome.

## Library and Information Studies

February, noon John Charles, "Rare Books in Research Institutions." 3-01 Rutherford South. 14 February, noon Gail De Vos, "Story Telling for Young Adults: A Source Book." 3-01 Rutherford South.

## Chemical Engineering

8 February, 3 pm MO Jejelowo, "Catalysts for Olefin Polymerization." E342 Chemical-Mineral Engineering Building.

15 February, 8 pm Visiting Artist Recital—Paul Bro, saxophonist, Depaul and Northwestern Universities, and Albert Potts, pianist. Cosponsored by Chicago Artists Abroad. All events in Convocation Hall.

## Anthropology

8 February, 3:30 pm Helga Vierich, "Shamanism, Cosmology and Social Change Among the Kua of the Kalahari." 14-6 Tory Building.

## Genetics

8 February, 4 pm Gordon Tener, University of British Columbia, "The Molecular Biology of Aging: The Role of Superoxide Dismutase in *Drosophila*." G-217 Biological Sciences Centre.

## Canadian Mediterranean Institute

8 February, 7:30 pm Walter Moser, "The Flora of Turkey." Provincial Museum.

## Physics

9 February, 2 pm, Jovan Jovanovich, University of Manitoba, "Chernobyl Accident: Facts and Fiction." V121 Physics Building.

## History

9 February, 3:05 pm Ronald G Suny, University of Michigan, "The Russian Revolutions of 1917: Visions and Revisions." T2-58 Tory Building.

## Arts

9 February, noon Peter Schouls, "An Approach to Teaching: A Personal View." Heritage Lounge, Athabasca Hall.

## Comparative Literature

9 February, 4 pm George Lang, "Literary Sources for the Lingua Franca." L-2 Humanities Centre. 16 February, 4 pm Mila Bongco, "Folklore in Philippine Comic Books." L-2 Humanities Centre.

## Pharmacology

12 February, 4 pm Frank Witkowski, "Mechanism of Cardiac Fibrillation." 207 Heritage Medical Research Centre.

## English

14 February, 4 pm "Beyond Male Feminism?"—panel discussion with Paul Hjartarson, Tony Purdy and Bruce Stovel. Chair: Janice Williamson. Fourth floor lounge, Humanities Centre.

## The Arts

### Music

4 February, 8 pm Encounters I—with performers J McPherson, I Mast, C Taylor, M Forsyth, S Whetham, A Ord, A Munn, M Bowie, H Brauss, D Prime, L Benson, S Bryant, N Nelson, and D Gomez. Admission: \$5/adults, \$3/students and seniors.

11 February, 8 pm Faculty Recital—Helmut Brauss, pianist.

14 February, 8 pm Faculty Recital—Donald Bell, bass-baritone, and Alexandra Munn, pianist.

requirements, these advertisements are directed to Canadian citizens and permanent residents.

## Support Staff

The limited number of vacancies is a result of the current Support Staff hiring freeze effective 1 January 1990.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 26 January. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 26 January 1990.

The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.

Secretary (Term), Grade 5, Chemistry, (\$1,749-\$2,166)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

Clerk Typist II (Trust), Continuing Medical Education, (\$1,324-\$1,645) Administrative Clerk (Communications Coordinator), (Part-time/Term to January 1991), Development Office (Project Leadership), (\$823-\$1,050) (prorated)

Technician I (Trust/Term to 31 January 1991), Foods and Nutrition, (\$1,705-\$2,189)

Technician II/III (Trust), Medicine (Endocrinology), (\$1,934-\$2,488)

Technologist I/II (Trust/Term to 30 June 1991), Faculty of Medicine, (\$2,100-\$2,960)

Nurse (Research Assistant) (Trust), Cardiology, (\$2,189-\$2,834)

## Sports

### Volleyball

2 and 3 February, 6:30 pm Pandas vs Victoria.

2 and 3 February, 8 pm Golden Bears vs Victoria.

### Hockey

3 February, 7 pm Golden Bears vs Calgary.

### Basketball

9 and 10 February, 6:30 pm Pandas vs British Columbia.

9 and 10 February, 8:15 pm Golden Bears vs British Columbia.

## Award opportunities

### Canadian International Development Agency's CIDA Awards for Canadians Program

The Canadian International Development Agency's CIDA Awards for Canadians Program will be administered for the next five years by the Canadian Bureau for International Education (CBIE). Applications are now being accepted for long term awards for 1990 and 1991. Canadian citizens with an undergraduate degree or diploma or accepted into a recognized graduate program and with a commitment to international development work are eligible to apply.

This program may not be used to support PhD studies.

Applicants must develop a program proposal that lasts for 7 to 24 months, has a clearly practical orientation and the support of a host country.

Closing dates for the 1990 and 1991 competitions are 19 February 1990 and 4 September 1990.

For additional information: CBIE, CIDA Awards for Canadians, 85 Albert Street, Suite 1400, Ottawa, Ontario K1P 6A4.

## Advertisements

### Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

Sale - University area, sparkling three bedroom semi, 1,300', newer kitchen, skylight, developed basement, quiet location. Ed Lastiwka, Royal LePage Realty, 437-7480, 437-4984.

Sale - University area, \$86,500. Updated two bedroom bungalow, possible suite downstairs. New siding, windows, furnace. Convenient Beaupark location. Ed Lastiwka, Royal LePage Realty, 437-7480, 437-4984.

Sale - Pleasantview, 2,500' two storey, gorgeous lot, custom constructed, six bedrooms, ten rooms. Bedroom plan changeable to four. \$239,000. Drive by 10708 59 Avenue. Clarence Rusnell, 437-7480, Royal LePage Realty.

Rent - Millcreek Ravine, charming, two bedroom character home, newly renovated and decorated. Hardwood floors, four appliances, 2 1/2 baths, partially finished basement, single garage. Nonsmokers. 1 April, \$795/month. 466-2518.

## Positions

The University of Alberta is committed to the principle of equity in employment. In accordance with Canadian Immigration

Rent - Belgravia, clean lovely home, 1 March. \$925. 1 1/2 storey, 1,200', three bedrooms plus finished basement, two baths, garage. 436-6475.

Rent - Bachelor, one bedroom suite. Clean, quiet, immediately, 482-1456, 430-7770.

Rent - Spacious three bedroom townhouse near schools, malls, buses. Available 1 March. \$650. 437-7518 after 6 pm.

Rent - 1 February, west end, immaculate three bedroom bungalow. Semi-furnished, major appliances. Direct bus University. Near schools. Single garage. \$795 plus utilities, \$795 DD. 436-5606.

Rent - Four bedroom executive house, southwest Riverbend or Westbrook. \$2,000/month, 433-5377, 437-6603.

Shared accommodation - Mature, responsible, nonsmokers, male/female. Furnished executive home near Heritage Mall. Six appliances, fireplace. \$450 rent, shared utilities. DD, references required. Donna, 435-0845 messages.

Sale - Large four bedroom plus main floor den in Terwillegar. Good family plan. Extra area for nanny suite. University, bus close. Florence Thompson, Spencer Realty, 436-5250, 436-6833.

Sale - University area, bungalow, owner occupied. Well maintained, 65'x135' lot, double garage. Spring possession. Florence Thompson, Spencer Realty, 436-5250, 436-6833.

Rent - Perfect family home, quiet crescent, Blue Quill, two storey, 3,000 square feet. One or two year lease, available immediately. Partially furnished. Western Relocation, 434-4629.

Rent - New, lake front, hillside bungalow, Sherwood Park, 2,375 square feet, sunken living room, two way fireplace, dream kitchen, jacuzzi. \$2,375 lease. Western Relocation, 434-4629.

Rent - West end, warm, inviting

bungalow. Earth tones, five bedrooms, family room, fireplace, 2,300 square feet. \$1,350 per month. Available 1 March. Western Relocation, phone 434-4629.

Rent - Lessard, four level split, three bedroom plus den, family room, fireplace. Available 15 February. Western Relocation, 434-3629.

Rent - Central location, two bedroom plus loft, jacuzzi, fenced yard, double garage. Available immediately. \$1,000 lease. Western Relocation, 434-4629.

Sale - Garneau, charming 1 1/2 storey house on one of Garneau's planning protection blocks. New, exclusive listing. Jean MacKenzie, Spencer Realty, 436-5250.

#### Accommodations wanted

Physician seeks two bedroom apartment or small house to rent. Tom, 492-4653, 466-6429.

Reliable, professional male (graduate student) requires a furnished condo/apartment to housesit/sublet from March/April 1990 for one year. Negotiable. Non-smoker/non-drinker. References available. Phone André, 426-6303.

#### Goods for sale

The Edmonton Book Store specializes in books for the University community. Quality books bought and sold every day; just a short walk from campus, 8530 109 Street. Call 433-1781.

#### Services

Donnic Word Processing - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

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Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

Bad news: Spring and fall adventures are fully booked. Good news: We're offering summer in Turkey, 10-31 July, \$3,400! Reserve now. Golden Horn Tours, 483-8288, 435-2129.

## COMPUTER AIDED MOLECULAR DESIGN Workshop

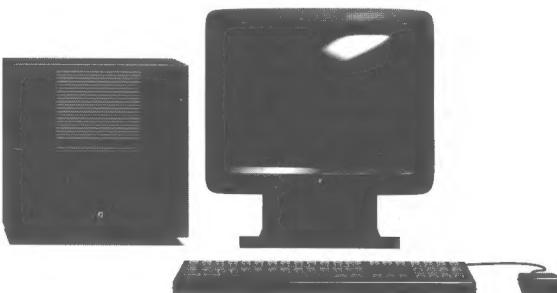
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SILICON GRAPHICS COMPUTER SYSTEMS  
BIOSYM TECHNOLOGIES INC.

Feb 7&8 - 9:00 to 11:30 am or 1:00 to 3:30 pm  
General Services Bldg 315

RSVP Lia 269-5844 (Calgary)

# NeXT Developer's Course



Are you interested in programming the NeXT Machine?

A NeXT Developer's Course will be offered on Thursday and Friday of reading week, February 22 and 23.

Sign up for the course at the Micro Demonstration Centre, 302 General Services Building, or phone John Wetherill at 492-2462, afternoons only. Attendance is limited.



University  
of  
Alberta

## Did You Know

We have facilities to house and the skills to serve the most elegant banquets and the most formal receptions?

## CONFERENCE CENTRE

492-7200

## Cambridge Daycare

"Professional & Quality Care for your child"



- Babies to 6 Years
- Hot Lunch and 2 Snacks
- Subsidies Available
- Fully Equipped Nursery
- Full, part time
- Educational Program
- Field Trips

#200, 8414-109 St.  
439-8819